

CLAIMS

1. Copolymers formed by TFE and FMVE, having the following composition:
 - FMVE in per cent by moles from 2.5% to 8%, preferably from 3.7% to 5.2%;
the % TFE moles being the complement to 100% of the FMVE moles.
2. Copolymers according to claim 1 having the following properties:
 - Melt Flow Index (ASTM D 1238) from 8 g/10 min to 50 g/10 min, preferably from 20 g/10 min to 40 g/10 min;
 - the second melting temperature T(II) melt from 250°C to 300°C, preferably 275°C-289°C.
3. Use of the copolymers according to claims 1-2 to prepare by extrusion sheaths for cables.
4. Use according to claim 3 wherein the cables are LAN cables.
5. Wires having sheaths formed by the polymers of claims 1-2.